Emergency Management Legislative Oversight Committee DENR Response to Major Spill of a Hazardous Chemical into Drinking Water

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NCDENR / Division of Water Resources

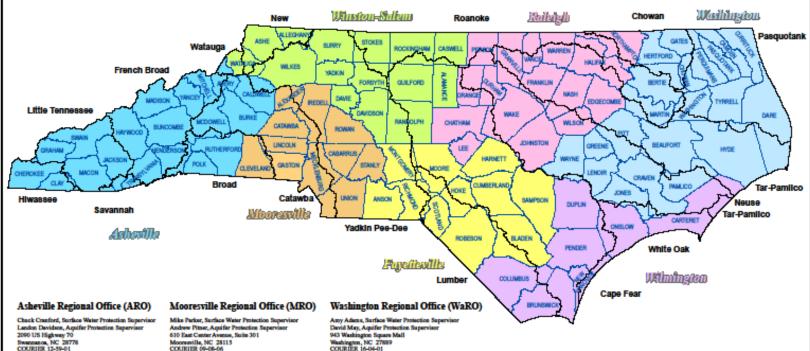
SCENARIO

- Similar to West Virginia spill in January 2014
- A spill of a large amount of a chemical that is water soluble into a public water supply
- What would DENR do?

Flow of Events/Notifications

- Division of Emergency Management (DEM) Emergency Operations Center (EOC) gets the call
- In this scenario, EOC would auto-dispatch nearest NC Regional Response Team (RRT)
- EOC notifies DENR per their Standard Operating Guide
- DENR on-call staff notifies:
 - -DWR Regional Office -Public Water Supply --US Fish and Wildlife
 - -Div. of Waste Management
 - -EPA if >250 gal to water or 1000 gal to land
 - -Div. of Air Quality if vapor hazard
- DWR management and DENR and DWR Public Information Officers also notified

North Carolina Department of Environment and Natural Resources Division of Water Quality Regional Offices



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Rutherford Burke Jackson. Swain Macon Caldwell Transplyania Yancy Cherokee Madison McDowell

Mitchell Favetteville Regional Office (FRO)

Belinda Henson, Surface Water Protection Supervisor Art Bamhardt, Aquifer Protection Supervisor 225 Green Street

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Richmond

Moorewille, NC 28115 Phone: (704) 663-1699

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Raleigh Regional Office (RRO)

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Onslow Pender

Carteret

Duplin

Columbus

Wilmington Regional Office (WRO)

Jim Gregson, Surface Water Protection Supervisor Morella Sanchez King, Aquifer Protection Supervisor 127 Cardinal Drive Extension Wilmington, NC 28405-2845 COURIER 04-16-33 Phone: (910) 796-7215 Fax: (910) 350-2004 Brunswick New Hancour

Winston-Salem Regional Office (WSRO)

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Guildford Alleghany Ashe Randolph Carwell Rockingham Davidson Stokes

Central Office

DENR Division of Water Quality 1617 Mail Service Center Raleigh, NC 27699-1617 COURTER 52-01-00 Phone: (919) 807-6300 Fax: (919) 807-6497

> **DWQ Planning Section** Basinwide Planning Unit January, 2013

At The Scene

- The RRT works to stop leak under the direction of local Incident Commander
- PWS notifies downstream raw water intakes
- After the leak is stopped, the representatives of the Responsible Party, DWR, EPA, the Army Corps of Engineers and affected municipalities would form a Unified Command per the Incident Management System
- The Unified Command would then plan and implement a cleanup strategy

DENR Actions

- Sampling and chemical analyses of waterways
- Issue any necessary emergency permits
- Monitor stream conditions
- Monitor air quality
- PWS available for technical assistance
- Public notification and media responses

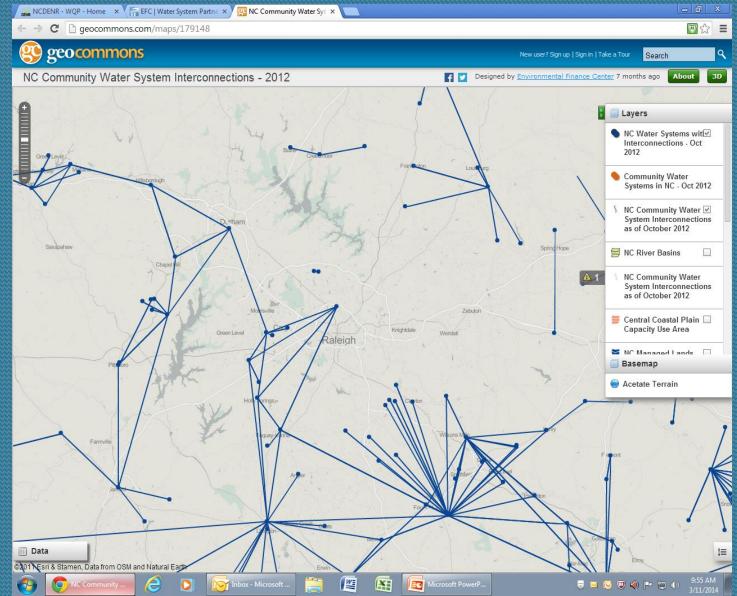
Available Resources

- 42nd Civil Support Team, North Carolina National Guard, Greenville, NC
- EPA and their Superfund Technical Assessment and Response Team (START) contractor
- Coast Guard Gulf Strike Team, Mobile, AL
- EPA/Coast Guard Regional Response Team IV for technical assistance via conference call
- FEMA

Water Supply Interconnectivity

- Many municipalities have interconnections
- Some municipalities have alternative water supplies
- Raleigh has Lake Benson for an alternative supply

Water Supply Interconnectivity



Questions?

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